

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Amended

Form C-105

Revised March 25, 1999

WELL API NO.

30-025-36023

5. Indicate Type of Lease

STATE ☐ FEE ☒

State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____

b. Type of Completion:

NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF.
WELL OVER BACK RESVR. ☐ OTHER

2. Name of Operator

Matador Operating Company

3. Address of Operator

310 W. Wall, Suite 906 Midland, TX 79701

4. Well Location

Unit Letter O : 800 Feet From The South Line and 1980 Feet From The East LineSection 5 Township 20S Range 37E NMPM Lea County

10. Date Spudded

11/25/02

11. Date T.D. Reached

12/16/02

12. Date Compl. (Ready to Prod.)

1/28/03

13. Elevations (DF& RKB, RT, GR, etc.)

3559 GL

14. Elev. Casinghead

15. Total Depth

6800

16. Plug Back T.D.

6731

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

Cable Tools

X

19. Producing Interval(s), of this completion - Top, Bottom, Name

6518-6526 Monument; Tubb

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

DLL, Density/Neutron

22. Was Well Cored

No

23.

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24	1225	12 1/4	660 sx Prem Plus	Circ 164 sx to pit
4 1/2	11.6	6800	7 7/8	510 sx Super H &	
				1435 sx Interfill C &	
				100 sx Class C Neat	Circ 120 sx to pit

24.

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8		na

26. Perforation record (interval, size, and number)

6518 - 6526, 6 SPF, 0.41 EH

RBP @ 6650

6672-6678, 4 SPF, 0.41 EH (plugged off)

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6518-6526	750 gals 15% NEFE 183574 lb 20/40 &
	302316 gals
6672-6678	2000 gals 15% NEFE 11722 gals 15% DGA

28

PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)			Well Status (Producing or Shut-in)		
1/28/03		Pumping 2" x 1-1/2" x 16' RXBC			Producing		
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
2/5/03	24	NA		96	67	63	698
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
NA	NA					36.5	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By

Perry Wilbanks

30. List Attachments

Logs, C103, C102, Deviation Report, C104, C116

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature

Printed

Name

Diane Kuykendall

Title Production Analyst

Date 6/16/03

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy		T. Canyon	
T. Salt	1084	T. Strawn	
B. Salt		T. Atoka	
T. Yates	2441	T. Miss	
T. 7 Rivers	2662	T. Devonian	
T. Queen	2270	T. Silurian	
T. Grayburg	3482	T. Montoya	
T. San Andres		T. Simpson	
T. Glorieta	5146	T. McKee	
T. Paddock	5240	T. Ellenburger	
T. Blinbry	5697	T. Gr. Wash	
T. Tubb	6329	T. Delaware Sand	
T. Drinkard	6693	T. Bone Springs	
T. Abo		T.	
T. Wolfcamp		T.	
T. Penn		T.	
T. Cisco (Bough C)		T.	

Northwestern New Mexico

T. Ojo Alamo		T. Penn. "B"	
T. Kirtland-Fruitland		T. Penn. "C"	
T. Pictured Cliffs		T. Penn. "D"	
T. Cliff House		T. Leadville	
T. Menefee		T. Madison	
T. Point Lookout		T. Elbert	
T. Mancos		T. McCracken	
T. Gallup		T. Ignacio Otzte	
Base Greenhorn		T. Granite	
T. Dakota		T.	
T. Morrison		T.	
T. Todilto		T.	
T. Entrada		T.	
T. Wingate		T.	
T. Chinle		T.	
T. Permian		T.	
T. Penn "A"		T.	

OIL OR GAS SANDS OR ZONES

No. 1, from.....6512.....to.....6546.....

No. 3, from.....to.....

No. 2, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....

No. 2, from.....to.....feet.....

No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
0	1084	1084	Red Beds				
1084	2441	1357	Salt, Anhydrite				
2441	3270	829	Anhydrite, Dolomite				
3270	3482	212	Dolomite, Sandstone, Shale				
3482	5146	1664	Dolomite, Limestone				
5146	5240	94	Dolomite, Sandstone, Shale				
5240	5626	386	Dolomite				
5626	5697	71	Dolomite, Shale				
5697	6329	632	Dolomite				
6329	6693	364	Dolomite, Sandstone, Shale				
6693	6800	107	Dolomite, Limestone				